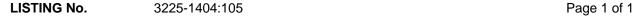
CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION OFFICE OF THE STATE FIRE MARSHAL

FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM





CATEGORY: Fire Dampers

LISTEE: C&S Air Products, 2824 N. Sylvania Ave., Fort Worth, TX 76111

Contact: Michael Beaver *(817) 509-2300 *FAX (817) 831-3110

DESIGN: Models FD-120, FSD-121, FSD-122, FSD-123, FSD-131, FSD-132; FD-320, FSD-321,

FSD-322 and FSD-323 single and multi blade type construction fire dampers with No. 16 or No. 20 galvanized or stainless steel frame and No. 16 galvanized or stainless steel blades. Refer to listee's data sheet for detailed product description and operational

considerations. Sizes of dampers are as follow:

Construction	Width, Min.	Inch Max.		<u>Height</u> <u>Min.</u>	<u>, Inch</u> <u>Max.</u>
Single section Multiple section 16	6 108	36	8	6 96	48
FSD-131, -132 (single only)	8	24		8	24

RATING: FSD-131, FSD-132: 1-1/2 hour, 1 hour (Corridor)

FD-120, FSD-121, -122, -123: 1-1/2 hour

FD-320, FSD-321, -322, -323: 3 hour

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances

and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, classification/rating and UL label.

APPROVAL: Listed as 1-hour, 1-1/2-hour and 3-hour fire-rated dampers. *Intended for use with

approved damper operators. For vertical or horizontal installations.

NOTE: Leakage rating not evaluated. Refer to CSFM Listing No. 3230-1404:106 for leakage

dampers.

XLF: 3225-0368:110

*Rev. 06-21-2006



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: JUNE 5, 2008 Listing Expires June 30, 2009

Authorized By: **BEN HO**, Chief

Fire Engineering Division